CLAIM AMENDMENTS

1. (currently amended) A system for preventing accidents in the operation of a monitored machine or apparatus [[(56)]] carried by a user, [[with]] the system comprising:

at least one user end device or terminal [[(2)]] with [[an]] output means ~~unit (10)~~ for ~~the transmission of~~ transmitting authorizing user data signals through the body of [[a]] the user, and

at least one signal receiver [[(28)]] assigned to the monitored apparatus or machine [[(56)]] and having [[an]]

interface ~~unit~~ means [[(30)]] for receiving the authorizing data signals transmitted through the body of the user, ~~unit~~

means [[(36-40, 44-48)]] for ~~checking~~ testing the received [[user]] data signals, ~~dealing with authorization and units (42, 50, 54)~~

means for outputting a clearance signal that allows [[an]] operation of the ~~at least one~~ monitored machine or apparatus [[(56)]] after a successful test of the received authorizing user data, and ~~whereby the signal receiver [[(28)]] is equipped and programmed to terminate the~~

means for terminating output of the clearance signal following a successful test of the authorization data, when subsequent tests of the authorization data fail.

2. (currently amended) The system according to claim 1 wherein the output ~~unit (10)~~ means of the user end device or terminal [[(2)]] comprises [[a]] coupling ~~unit (4)~~ means for the inductive [[and/]] or capacitive coupling of the authorizing user data signal into the body of the user.

3. (currently amended) The system according to claim 1 in which the output ~~unit (10)~~ means of the user end device or terminal [[(2)]] has a contact region [[(6)]] for direct coupling of the authorizing user data signal [[in]] to the body of the user [[and/]] or a signal output [[(8)]] for transmitting the authorizing data signals ~~comprising the authorization user data~~ to a device directly connected with the body of the [[first]] user.

4. (currently amended) The system according to claim 1 in which the user end device or terminal [[(2)]] is equipped and programmed to transmit signals ~~which comprise~~ comprising a code giving authorization to the user and control commands for controlling the signal receiver [[(28)]].

5. (currently amended) The system according to claim 1 in which the interface ~~unit~~ means [[(30)]] of the signal receiver [[(28)]] comprises [[a]] contact-sensitive ~~unit which receives~~ means for receiving the signals from the user end device or terminal [[(2)]] upon contact of the contact-sensitive ~~unit~~ means with the user.

6. (currently amended) The system according to claim 1 in which the interface [[(30)]] of the signal receiver [[(28)]] has [[an]] inductive [[and/]] or capacitive ~~unit~~ means for receiving the signals of the user end device or terminal [[(2)]] by means of inductive [[and/]] or capacitive signal transmission.

7. (currently amended) The system according to claim 1 in which the ~~unit~~ means [[(36-40, 44-48)]] of the signal receiver [[(28)]] for testing the authorizing data signal [[,]] comprise a correspondence register [[(46)]] with at least two storage or memory locations or data for testing the authorizing data signal.

8. (currently amended) The system according to claim 1 wherein [[which]] the signal receiver [[(28)]] is equipped and programmed depending upon the signal received ~~signal~~ from the user end device or terminal [[(2)]] to access data for testing the data to serve as authorization data.

9. (currently amended) The system according to claim 1 wherein ~~which at least one~~ the user end device [[(2)]] is arranged in or on protective clothing.

10. (currently amended) A user end device or terminal [[(2)]] for use with the system according to claim 1 with [[an]] the output ~~unit (10)~~ means for transmitting authorizing data signals through this body of a user.

11. (currently amended) A user end device or terminal [[(2)]] according to claim ~~10 with the features according to one of claims~~ 2 [[- 4]].

12. (currently amended) A user end device or terminal [[(2)]] according to claim 10, for arrangement on or in protective clothing.

13. (currently amended) A signal receiver [[(28)]] for use with the system according to claim 1 ~~with: an interface (30) for receiving through a body of a user signals comprising authorization data and transmitted through the body of the user, units (36-40, 44-48) for testing the received authorizing data, and units (42, 50, 54) for producing a clearance signal upon a successful test of the authorizing data, whereby the signal receiver (28) is equipped and programmed to terminate the clearance~~

~~signal outputted as a result of a successful test of the authorizing data when subsequent tests of the authorizing data fail~~.

14. (currently amended) The signal receiver [[(28)]] according to claim ~~13 with the features according to one of claims~~ 5 [[- 9]].

15. (currently amended) Protective clothing, like for example a protective helmet, protective glasses or goggles, safety shoes and the like with the user end device or terminal [[(2)]] according to claim 10.

16. (currently amended) A device or apparatus like a household appliance, electric and mechanical tool, machine tool or the like with the signal receiver [[(28)]] according to claim 13.

17. (currently amended) The system defined in claim 1, further comprising:

a hand grip ~~device~~ [[with]] having

a ~~hand-grip-based~~ body including a hand grip outer surface ~~(7) which is engaged~~ engageable by an inner surface of [[the]] hand of the user and [[has]] having a segment forming a hand rest for the inner surface, and ~~whereby~~

in the region of the hand inner surface rest at least one pressure-sensitive zone ~~(8) is formed~~ for generating a signal indicating the hand grip gripping state and constituting the authorizing at least one of the authorizing data signals.

18. (currently amended) The hand grip ~~arrangement~~ of claim 17 ~~, characterized in that it includes~~ wherein the surface has a plurality of the pressure-sensitive zones [[(8)]].

19. (currently amended) The hand grip ~~device~~ according to claim 17 ~~characterized in that~~ wherein the pressure-sensitive zone forms part of a fluid chamber system [[(9)]].

20. (currently amended) The hand grip ~~device~~ according to claim ~~17, characterized in that~~ 19 wherein the pressure-sensitive zone is formed by an elastically deformable pressure chamber wall.

21. (currently amended) The hand grip ~~device~~ according to claim ~~17, characterized in that~~ 19 wherein the pressure chamber is filled with a liquid, gel or gas.

22. (currently amended) The hand grip ~~device~~ according to claim ~~17, characterized in that~~ 19 wherein the pressure chamber is coupled with a switch device.

23. (currently amended) The hand grip ~~device~~ according to claim ~~17, characterized in that~~ 19 wherein the pressure chamber is coupled with a pressure-measurement device.

24. (currently amended) The hand grip ~~device~~ according to claim 17~~, characterized in that~~ wherein the hand grip ~~device~~ in the region of the hand inner surface rest has pressure-sensitive zones in the hand ball rest region and in a finger inner surface rest region.

25. (currently amended) The hand grip ~~device~~ according to claim 17 ~~, characterized in that~~ wherein in the region of the hand grip ~~device~~ a plurality of individual finger inner surface pressure-sensitive zones are provided.

26. (currently amended) The hand grip ~~device~~ according to claim 17, further comprising ~~characterized in that~~ in the region of the hand grip ~~device~~ an orientation-detecting device ~~is provided~~.

27. (currently amended) The hand grip ~~device~~ according to claim 17 ~~, characterized in that~~ wherein the hand grip ~~device~~ is a hand grip of a drill.

28. (previously presented) The hand grip ~~device~~ according to claim 17 ~~in which a signal transmitting device is coupled a signal to the user~~ wherein the output means is in the body.

29. (currently amended) The hand grip ~~device~~ according to claim 28 ~~characterized in that the signal transmitter device~~ the output means is so configured that it effects a signal coupling on the basis of electrostatic interaction.

30. (currently amended) The hand grip ~~device~~ according to claim 17, ~~characterized in that in the hand grip device~~ further comprising a signal-modulating device ~~is provided~~ for the modulation of the authorizing data signal ~~imitated by the coupling device~~.

31. (currently amended) The hand grip ~~device~~ according to claim 17~~, characterized in that~~ wherein the signal is so modulated that it contains a dated telegram.

32. (currently amended) A power ~~driven~~ tool with a housing ~~device~~, a first hand grip ~~device (105)~~ according to claim 17, a second hand grip ~~device (106)~~ also according to claim 17 and a device for detecting the gripping state for producing a signal indicating the gripping state of the ~~device~~ tool.